riday,1 25/04/2008 10:55:20 AM Jean-Luc Menard **Process Sheet** : BRACKET ASSEMBLY CU-DAR001 Dart Helicopters Services **Drawing Name** Customer Job Number 38788 PRELIM ASS 00/05/06 £13280 **Estimate Number Part Number** P.O. Number : 25/04/2008 S.O. No. : **Drawing Number** This Issue Prsht Rev. : NC Project Number : // : MACHINED PARTS **Drawing Revision** First Issue Material Previous Run Qty: Each : 02/05/2008 **Due Date** Written By Checked & Approved By New Issue 08-04-25 JLM Verified By:DD Comment **Additional Product** Job Number: Description: Seq. #: Machine Or Operation: M174B1000X02000 17-4 SS Bar 1.0 Comment: Qty.: 0.5775 f(s)/Unit Total: 2.3100 f(s) Material: 17-4 SS Bar per AMS 5604/5643 BAND SAW 2.0 -Comment: BAND SAW Cut blanks: (1.000" x 2.000") 5.400" long HAAS CNC VERTICAL MACHINING 3.0 HAAS1 Comment: HAAS CNC VERTICAL MACHINING #1 1-Machine D3674-1 as per Folio FA732 and Dwg D3674 Identify as D3674-1 2-Deburr 3-Scribe batch number 4.0 Comment: INSPECT PARTS AS THEY COME OFF MACHINE

tooks ownsun soc heart of day broben who part 20150190 ASIDS MOSIONIN

Friday, 25/04/2008 10:55:20 AM Date: Jean-Luc Menard User: . **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: BRACKET ASSEMBLY Part Number: D3674041 Job Number: 38788 Job Number: Seq. #: Description: **Machine Or Operation:** SECOND CHECK 5.0 QC8 Comment: SECOND CHECK 6.0 Bolt D312121 Comment: Qty.: 4.0000 Each(s) 1.0000 Each(s)/Unit Total: Pick: Description Batch Bolt 37875 **Qty Part Number** 1 D3121-21 7.0 D3121241 Bearing Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 4.0000 Each(s) Pick: Description Batch **Qtv Part Number** 1 D3121-241 Bearing Ass 8.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE Comment: SMALL & MEDIUM FAB RESOURCE 1 Assemble D3121-141 as per Dwg D3121. INSPECT WORK TO CURRENT STEP 9.0 **ENGINEERING APPROVA** Comment: INSPECT WORK TO CURRENT STEP 10.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: FINAL INSPECTION/W/O RELEASE QC21 11.0 Comment: FINAL Job Completion

Dart Aerospace Ltd

W/O : 3€	3788	WORK ORDER C	HANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							·
				-			

Part No: <u>D3674-041</u>	PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:
			QA: N/C	Closed:	Date:

		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section &	Chief Eng	Approval QC Inspecto
18/06/06	7.0	- proxiemeins error		Fix & uponto Prog.	\$0\$08	gall.		
7865/08	5,0	into port while dapping	1051412	Scrap: cles free	c8/04/08		Beun	prosty
			104012		108	foory	pesiur	10000-17

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	38788
Description: BRACKET ASSEMBLY	Part Number:	D3674-04
Inspection Dwg: 3674041 Rev:PROTO	,	Page 1 of Z

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.960	+/010	1.961	V			
0.750	+/- 1010	0.749	V			
0.605	+/-,010	0,606	V			
3.380	+/010	3.377	V			·
2.430	+/- =010	2.430	~			
0.380	+/010	0.380	V			
0.73	+/030	0,730	/			
0.95	+/030	0.949	V _			
2.140	+/010	2.140	V			
2.030	+/-,010	2.030	V			
4.718	+/010	4.720	✓			
41.590	+/010	4.590	V			
0.863	+/010	0.868	✓			un en
0.130	4/- :010	0.133	V			
4.600	t/- 1010	4.600	V			
4.880	+/010	4.883	· V			
5.139	+/010	5.141	V			·
R 0.25	+/.030	R0.250	✓			
0.080	+1.010	6.080	✓			
0.300	+/010	0,300	v		·	
300	+/- = 0	30°	/			·
Ø.573	+/010	Ø.573	/			
0.720	+/-,010	0.720	✓	٤	`.	

•	,	1		+	1	
Measured by:	y.A/ml	Audited by:	Prototype Approval:			
Date:	08/05/07	Date: 08/05/07	Date:	N	14	_

Rev	Date	Change	0.4	Revised by	Approved
Α		New Issue	1003674-041	KJ/JLM	



DART AEROSPACE LTD	Work Order:	38 788
Description: BRACKET ASSEMBLY	Part Number:	D367484
Inspection Dwg:36 7404 Rev: RROTO		Page 2 of 2

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.345	+/010	0.344				
Ø 0.392	4:002 /-,000	Ø 0.393	/			
2.173	+1010	2,173				
3.135	+/010	3.135	/			
3.963	+/010	3.963				
4.365	+/-,010	4.365				, in the second
0.664	+/010	0.6645		·		
1000	+/- 之。	100°	√			,
0.070	+/-:010	0.076	V			
0.200	+/010	0,202	✓			
0.200	4/- 1010	0,200	V			
Rollo	+/030	R 0.10	✓			
0.032	+/010	0.032	/			
0.050	+/010	0.050	/			
0.025	+/010	0.025				
0.75	+/030	0.750	V			· .
RO.375	+/010	RQ375	<u> </u>			
10-32 UNF 3B		10-32 UNF38	/			
Ø 0.201 x .100	+/-,.010	Ø,200x.099	·			
R 0.20	+/-:030	20.20	<u> </u>			
				,		
					1 2 ₂	

Measured by: B, A A Audited by: Prototype Approval:

Date: 08/05/07

Date: 08/05/07

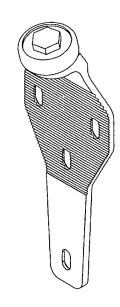
Date: 08/05/07

Rev	Date	Change	Revised by	Approved
Α		New Issue	KJ/JLM	



QTY -041	PART NUMBER	DESCRIPTION
х	D3674-041	ROLLER BRACKET ASSEMBLY
1	D3121-21	BOLT
1	D3121-241	BEARING ASSEMBLY
1	D3674-1	BRACKET





D3674-041 BRACKET ASSEMBLY



Α NEW ISSUE 08.03.26 REV. DESCRIPTION BY DATE DESIGN AJS DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA AUS DRAWN DRAWING NO. CHECKED REV. A D3674 MFG. APPR. SHEET 1 OF 4 APPROVED TITLE SCALE ROLLER BRACKET ASSEMBLY DE APPR. COPYRIGHT © 2008 BY DART AEROSPACE LTD DATE 08.03.26

NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: N/A
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: 0.23 lbs
8) TORQUE D3121-21 BOLT 15-25 in lbs (1.7-2.8 Nm)

2

D

8

